

Additional records for Porella pinnata in
Southeastern United States

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Recently Conard (1) reviewed the distribution and ecology of Porella pinnata in North America. In the Reed Herbarium there are specimens from nine states in southeastern United States, namely, Delaware, Maryland, Virginia, West Virginia, Kentucky, Oklahoma, Alabama and Florida; also a specimen from Mississippi, a state from which Conard had not seen specimens. In the United States National Herbarium there are specimens from South Carolina also. The ecology recorded on the specimens cited herein varies from damp rocks in forests to inundated rocks in streams in the mountains and Piedmont regions to muddy banks and cypress trunks in the Coastal regions.

Alabama: On wet rock, 8-Acre Rock near Vance, Tuscaloosa Co. July 31, 1948. P.O.Schallert 1701 (det. Andrews).

Delaware: On inundated rocks in streams, Naamans Creek near Claymont, New Castle Co. Oct. 30, 1894. Albert Commons; Allopakus Run opp. Bancrofts Mill, Wilmington, New Castle Co. April-May 1891. Albert Commons.

Florida: Tallahassee. March 1963. Ruth Breen.

Kentucky: Crevices of wet rocks, Coxton, Harlan Co. June 7, 1947. Reed 7038.

Maryland: On mossy boulders in Cabin Branch, Rt. 94, $\frac{1}{2}$ mi N of Annapolis Rock Road, Howard Co. Feb. 2, 1964. Reed 65719; along stream, Toll Gate Road, 2 mi W of Rt. US #1, Harford Co. Oct. 13, 1963. Reed 64951; on rocks along stream, Catoctin Mts., Foxville-Deerfield Rds., Frederick Co. Mar. 25, 1967. Reed 74621; base of Cypress along Pocomoke River, above Pocomoke City in Somerset Co. Aug. 11, 1947. Reed 9734; Garrett Co. Aug. 1876. J.D.Smith (US). Also known from Montgomery Co., Maryland and the District of Columbia.

Mississippi: Muddy bank of Okatoma Creek, 1 mi N of Saratoga, Simpson Co. Sept. 4, 1953. Henry J. Jacobs 1533 (Det. H. Robinson).

Oklahoma: On rocks beside river, Beaver's Bend State Park, McCurtain Co. Aug. 26, 1960. H.A.Stark 1157A. (Det. H. Robinson).

South Carolina: Slopes among rocks at base of cliff along Savannah River, $2\frac{1}{2}$ mi NW of Oak Hill Dam. June 29, 1949. W.H.Duncan 9812 (US).

* Reed Herbarium, 10105 Harford Road, Baltimore, Maryland, 21234.
1. Conard, H.S. Porella pinnata in North America. Bryologist, 71: 29-30. 1968.

Virginia: Woods, Rt. 58 to Rt. 700 to Rt. 634, Abrams Falls, NW of Bristol, Washington Co. June 15, 1964. Reed 67362; low woods, Pole Branch at Rt. 58, 1 mi NE of Boynton, Mecklenberg Co. Apr. 14, 1966. Reed 74131; in stream in cypress swamp, Rt. 611 near Grizzard at Sussex-Greenville Co. line. May 7, 1965. Reed 69678; dripping face of schist bluff, White Oak Canyon, Blue Ridge Mts., Madison Co. Aug. 22, 1958. F.J.Hermann 14825 (US); Vances Cove, Geo. Washington Nat. For., Shenandoah Co. Apr. 16, 1966. H. Robinson (US). Also known from Smyth, Giles, Page, Rappahannock, Fairfax and Middlesex Counties.

West Virginia: Base of trees, woods along Greenbrier River, Rt. 12, 5 mi S of Alderson, Summers Co. May 30, 1967. Reed 78566. Also known from Hardy, Monongalia, Preston, Fayette, Greenbrier, Summers, Logan, Wyoming and McDowell Counties.

BOOK REVIEWS

Alma L. Moldenke

"DICTIONARY OF ECONOMIC PLANTS" by J. C. Th. Uphof, 2nd edition, revised & enlarged, ii & 591 pp., Verlag von J. Cramer, Lehre, Germany. 1968. D.M.70.

This is an even more valuable storehouse of information than the long since sold-out first edition of 1959 because it has updated and corrected many entries, added over 3,000 more entries, and enriched its bibliography which is arranged by products, plant types and geographical areas.

In a short time the copies of this edition will also become "dog-eared" from much use by all kinds of grateful readers, botanists and non-botanists alike. It is hoped that the highly competent author will be spared and induced to prepare an even larger third edition relatively soon, -- one in which more care will be given to checking galley and/or page proof for spellings, one in which the taxonomy is more updated, and one in which more cross references are given. A few of the spelling errors in the present edition include Castanea on p. 266, trunks on p. 316, Hindu on page 336, Dominica on p. 398, rudders on p. 428, emmenagogue on p. 498, Té de Pais on p. 512, Costa Rica on p. 518, V. thapsus on p. 541, astringents on p. 541 and Identity on p. 574.

Since we had to check this work thoroughly for mention of members of the Verbenaceae we noted: (1) Avicennia alba Blume is not a synonym of A. marina (Forsk.) Vierh., but is a distinct species; A. tomentosa Jacq. is not a synonym of A. marina var. resinifera (Forst.) Bakh., but only the misapplications of this name by R.